

**Premium Light
Spectrum Protection**



KODAK **Total Blue Lens**



KODAK Lens



Total Blue Lens Filtering Light

We spend a large portion of our days exposed to natural and artificial light sources. Light is essential for clear vision and color perception among other benefits.

But we need protection from the higher energy wavelengths, especially violet and blue-violet, that may be potentially harmful to our skin and eyes.

This is where KODAK Total Blue® Lenses can help.

KODAK Total Blue Lens delivers:

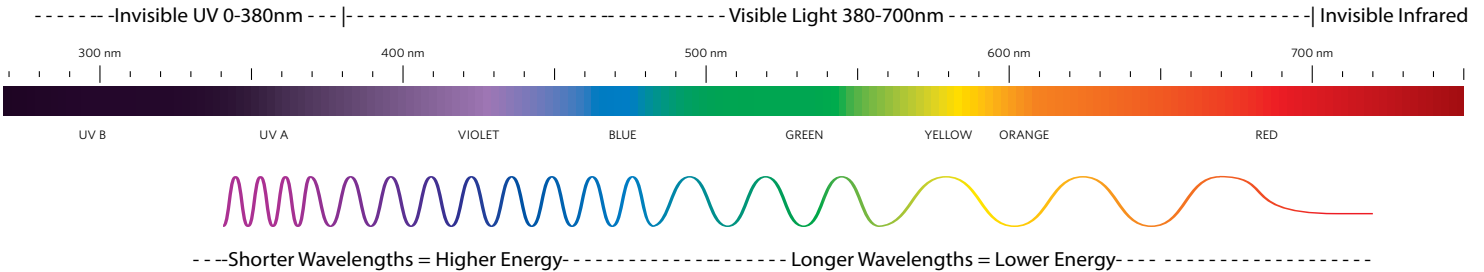
- **Blue Light Filtering:** Filters up to 80% of blue-violet light*
- **100% UV Protection:** From direct UV rays
- **Glare Reduction:** Protection from glare and reflections caused by digital device screens (televisions, computer monitors, handheld devices), LED lighting and bright indoor lights
- **Object Recognition:** Helps with object recognition in low-light and night-driving conditions
- **Increased Visual Comfort:** Exceptional reduction in bright glare and reflections ease viewing both indoors and outdoors
- **Versatile Options:** Clear and polarized materials in progressive, single vision and computer lens designs
- **Brand Strength:** Kodak is one of the most trusted and recognized consumer brand names

*Total Blue target range of 380-440nm based on visible light spectrum of 380-780nm. *Review of Optometry*. February 2014

See the Colors of Life

The Color Spectrum

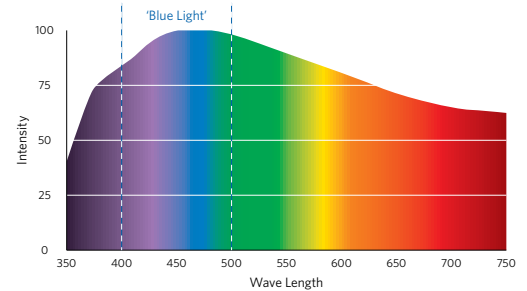
Vision is made up of colors. To be more specific, vision is made up of a color spectrum. Each color is created by different energy wavelengths measured in nanometers (nm). The high energy end of the visible light spectrum is known as UV and HEV Blue-Violet Light. It is the violet/blue band of the color spectrum that may have an impact on overall eye health.



Blue-Violet Light Wavelengths

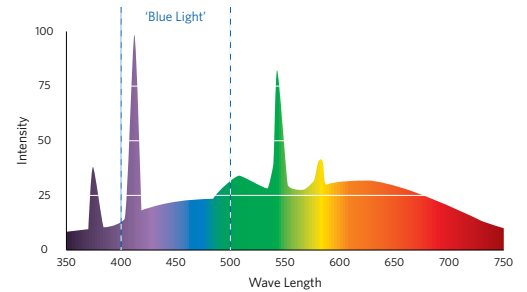
Sunlight contains the highest proportion of UV and HEV wavelengths. Just as we protect our skin when outdoors, we must also protect our eyes.

- Wearing hats and UV/HEV blocking eyewear
- Limiting time spent in direct sunlight



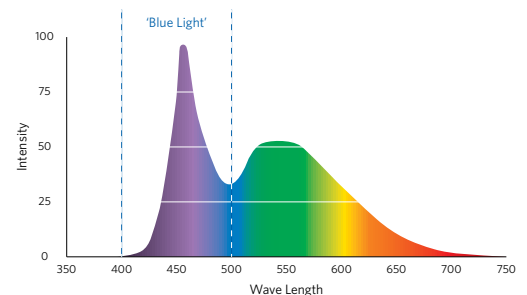
Indoor Fluorescent Lighting give stronger light using shorter wavelengths and while energy efficient, they also produce higher levels of HEV light. They work well to maintain alertness during daytime work hours but may disrupt the natural sleep cycle in evening/night times with possible long-lasting effects.

- Use filters or covers on ceiling fixtures and wear blue-violet filtering eyewear



Backlit Screens are used extensively in equipment and handheld devices. While the light allows clear visibility of the screen, they also produce glare and reflections that may be uncomfortable and taxing on the eye.

- Use night option software or screen filters and wear blue-violet filtering eyewear
- Limit device reading before bedtime that can make you alert and hard to settle down.



Unique Hybrid Technology



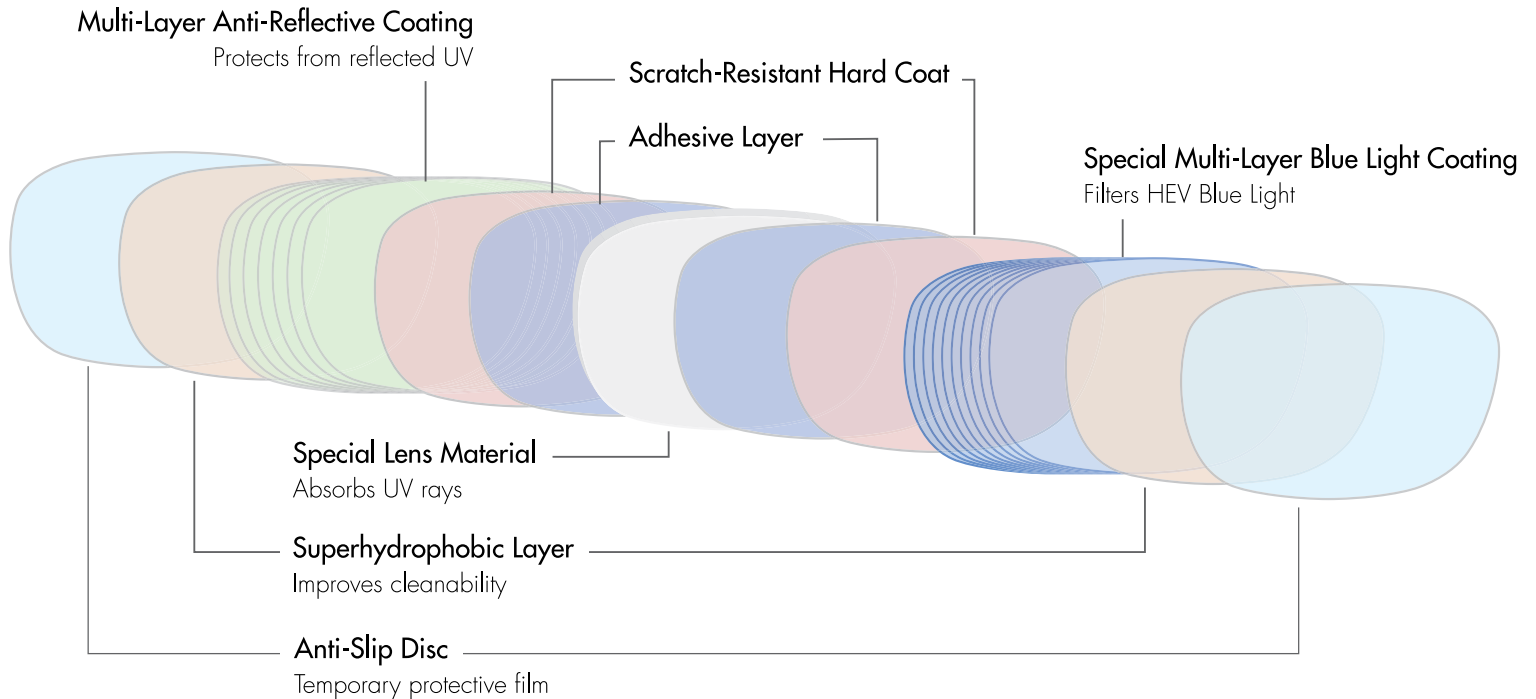
Color Guard
LENS TECHNOLOGY

Color Guard Lens Technology® is the proprietary process used in the creation of Total Blue Lenses. The combination of specific lens materials and a unique AR coating helps protect against UV rays and filters blue-violet light to a higher degree than one method alone.

A Hybrid Solution for Harmful Light Management

KODAK Total Blue Lenses are a premium blue light solution to UV and blue-violet light harmful wavelengths. The selected lens materials combine with the unique 14-layer Total Blue AR stack to offer the best protection in the market.

It starts with special lens materials** that absorb 100% of UV rays and include blue-violet light filtering agents. A hard coat is applied for scratch resistance. A special multi-layer AR coating is applied to the front of the lens to help filter up to 80% of blue-violet light indoors and outdoors. Additional layers on the backside of the lens provide protection from potential reflected UV rays. An ultra-slick superhydrophobic top layer, *Silk™*, is added on both sides for durable, easy-to-clean lenses***.



Powered
by **Silk™**

**Special lens materials are used in the clear versions of Total Blue Lens. Polarized gray lens blanks are used to produce KODAK Total Blue Polarized Lenses.

*** *Silk* is a super-slick top coat with superior oil, water, dirt, dust and smudge-repellent properties.

KODAK Total Blue Lens



Total Blue Lens filters blue-violet light prevalent in natural sunlight and some device screens.

- Minimal residual color with a slight blue reflection
- **Lens Design Options:** Progressive, Single Vision and Computer/Task-Oriented

Total Blue Lens is also available in polarized options for outdoor eyewear.

- Polarized gray with blue mirror-like finish
- **Lens Design Options:** Progressive and Single Vision

Total Blue Lens Availability

LENS DESIGN		LENS MATERIAL							
		Clear			Polarized Gray				
		Poly	1.60	1.67	1.74	1.50	Poly	1.67	1.74
PROGRESSIVE LENSES	KODAK Unique DRO® & Unique DRO HD Lenses	✓		✓	✓	✓	✓	✓	✓
	KODAK Unique™ & Unique HD Lenses	✓		✓	✓	✓	✓	✓	✓
	KODAK Precise® Plus & Precise Short Plus Lenses	✓		✓					
	KODAK Precise PB & Precise Short PB Lenses	✓		✓	✓	✓	✓	✓	✓
	KODAK Easy Lens (14/18)	✓		✓					
	Navigator® FBS & Navigator Short® FBS Lenses	✓		✓	✓	✓	✓	✓	✓
	DiracTek™ & DiracTek Short Lenses	✓		✓	✓	✓	✓	✓	✓
COMPUTER/TASK-ORIENTED LENS	KODAK SoftWear® Lens	✓		✓					
SINGLE VISION LENSES	KODAK PowerUp® Lens (anti-fatigue)	✓		✓					
	KODAK Digital Single Vision Lens	✓		✓	✓	✓	✓	✓	✓
	Single Vision Lens	✓		✓	✓	✓	✓	✓	✓
STOCK LENSES	KODAK Finished Single Vision Lens	✓	✓						
	KODAK Aspheric Finished Single Vision Lens			✓					

For the Patient

- Significantly reduces blue-violet light exposure
- Reduces glare reflecting off digital devices and shiny surfaces
- Provides 100% UV Protection
- Accommodates various viewing needs
- Comfortable viewing indoors and outdoors.
- Easy-to-clean for continuous clear viewing
- Confidence and peace of mind that comes with the trusted Kodak brand name

For the Practice

- Filters up to 80% of blue-violet light between 380-440nm wavelengths
- 100% Direct UV Protection
- Options for both indoor and outdoor activities
- Progressive, single vision and computer lens designs to accommodate a majority of patients
- Includes super-slick Silk top coat for increased durability and patient satisfaction
- Exclusive KODAK Lens programs and marketing support

Your Success is **Our Goal** and We Support Your Efforts in **Vision Health**.

KODAK Total Blue Lens is the premium blue-violet light management option in the KODAK Lens Professional Series. Our complete Professional Series portfolio offers a vision solution for all your progressive and single vision patients regardless of their lifestyle or prescription.

Learn more at: www.KodakLens.us/pro or www.SignetArmorlite.com

Download product information and order patient materials at:
www.SALitOnline.com or call **800-830-3995**

Watch the videos for more information on:

KODAK Total Blue - www.youtube.com/watch?v=Gc3ZyhDqbzs

Silk: www.youtube.com/watch?v=KPVzNYUqXzM

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KODAK Lens Hotline
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